

Notice of Allowability

Application No.

10/689,428

Applicant(s)

THIELEMANS ET AL.

Examiner

Srilakshmi K. Kumar

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to August 16, 2007.
2. ☒ The allowed claim(s) is/are 1-12 1-10 & 12
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 11072007.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Lee on November 6, 2007.

With this amendment, Claims 1 and 12 are amended, and Claim 11 is cancelled. The amendment is as follows where the deleted limitations are shown by a strikethrough, and added limitations are shown by an underline.

Claim 1

1. (Currently Amended) An electronic display system comprising:

at least one electronic display apparatus, the at least one electronic display apparatus comprising

an electronic non-volatile display device which is able to retain an image after power is switched off, whereby the display device has the form of an endless loop and the displayed image is composed by a certain number of pixels,

a display driver circuit,

a printhead, fed by the driver circuit and including a plurality of electrodes arranged in one or more rows, whereby the number of electrodes is lower than said number of pixels,

a storage means to store locally to the at least one electronic display apparatus a content of at least one image to be displayed on the at least one electronic non-volatile display device,

transferring means for transferring the content of the at least one image from the local storage means to the display driver circuit for displaying the at least one image on the electronic non-volatile display device, and

a connecting means to connect the electronic display system to a network central processor,

whereby the electronic display system has a first viewable face and ~~optionally~~ a second viewable face.

Claim 12

12. (Currently Amended) Method of displaying an image on an electronic non-volatile display device of an electronic display apparatus, which electronic non-volatile display device is able to retain an image after power is switched off and has the form of an endless loop and which displayed image is composed by a certain number of pixels, the method comprising:

receiving from a network central processor at least one image to be displayed on the electronic non-volatile display device,

storing in a storage means local to the electronic non-volatile display device the at least one image to be displayed on the electronic non-volatile display device received from the network central processor,

transferring the at least one image from the local storage means to a display driver circuit,

feeding a printhead with signals from the display driver circuit driving the electronic non-volatile display device in accordance with the image transferred to the display driver circuit,

whereby the printhead includes a plurality of electrodes arranged in one or more rows, whereby the number of electrodes is lower than said number of pixels, and

whereby the method comprises displaying the image over a first viewable face and ~~optionally~~ over a second viewable face.

Claim 11

11. (cancelled)

Drawings

2. The drawings filed on October 20, 2003 and October 13, 2006 are acceptable subject to correction of the informalities indicated below:

In Fig. 5, applicant has indicated item 215, but this item 215 is not disclosed by the specification. However, in review of the other drawings, item 215 is shown as item 216 in Fig.2B. In order to avoid abandonment of this application, correction is required in reply to the Office action. The correction will not be held in abeyance.

3. The following is an examiner's statement of reasons for allowance:

With respect to independent claim 1, the prior art of record fails to teach an electronic display apparatus comprising an electronic non-volatile display device and whereby the display

Art Unit: 2629

device has the form of an endless loop, comprising a printhead including a plurality of electrodes arranged in one or more rows, whereby the number of electrodes is lower than said number of pixels and whereby the electronic display system has a first viewable face and a second viewable face.

With respect to independent claim 12, the prior art of record fails to teach a method of displaying an image on an electronic non-volatile display device of an electronic display apparatus, where the non-volatile display device has the form of an endless loop, and where the method comprises feeding a printhead with signals from the display driver circuit, whereby the printhead includes a plurality of electrodes arranged in one or more rows, whereby the number of electrodes is lower than said number of pixels, and whereby the method comprises displaying the image over a first viewable face and over a second viewable face.

Claims 2-10 are allowed as they depend upon an allowed base claim.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srilakshmi K. Kumar whose telephone number is 571 272 7769. The examiner can normally be reached on 9:00 am to 5:30 pm.

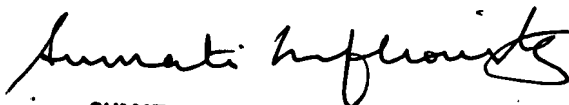
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sue Lefkowitz can be reached on 571 272 3638. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2629

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Srilakshmi K Kumar
Examiner
Art Unit 2629

SKK
November 7, 2007


SUMATI LEFKOWITZ
SUPERVISORY PATENT EXAMINER